

Summary of Area Air Sampling Results for Ethylene Oxide – Village of Willowbrook, Illinois
February 2019

Sample Location	Feb. 5-6	Feb. 6-7	Feb. 7-8	Feb. 8-9	Feb. 9-10	Feb. 10-11	Feb. 11-12	Feb. 12-13	Feb. 13-14	Feb. 14-15	Feb. 15-16	Feb. 16-17
Indoor Air Sampling:												
Willowbrook Village Hall – Third Floor	38 ppb (68 ug/m³)	40 ppb (72 ug/m³)	11 ppb (20 ug/m³)	.79 ppb (1.4 ug/m³)	15 ppb (28 ug/m³)	23 ppb (42 ug/m³)	30 ppb (54 ug/m³)	1.6 ppb (2.9 ug/m³)	.45 ppb (.81 ug/m³)	.52 ppb (.93 ug/m³)	.59 ppb (1.1 ug/m³)	1.5 ppb (2.7 ug/m³)
Willowbrook PD – Records Front Office	120 ppb (216 ug/m³)	20 ppb (36 ug/m³)	11 ppb (20 ug/m³)	.79 ppb (1.4 ug/m³)	6.1 ppb (11 ug/m³)	4.5 ppb (8.1 ug/m³)	140 ppb (250 ug/m³)	27 ppb (49 ug/m³)	3.6 ppb (6.5 ug/m³)	2.3 ppb (4.2 ug/m³)	1.4 ppb (2.5 ug/m³)	2.8 ppb (5.1 ug/m³)
Outdoor Air Sampling:												
Willowbrook Village Hall	21 ppb (38 ug/m³)			.80 ppb (1.4 ug/m³)			5.1 ppb (9.2 ug/m³)			.20 ppb (.36 ug/m³)		
Willowbrook Police Department	89 ppb (160 ug/m³)			1.1 ppb (2.0 ug/m³)			180 ppb (320 ug/m³)			.22 ppb (.39 ug/m³)		
Public Works Building	.15 ppb (.27 ug/m³)			.34 ppb (.61 ug/m³)			.21 ppb (.38 ug/m³)			.58 ppb (1.0 ug/m³)		
Gower Elementary	1.7 ppb (3.1 ug/m³)			.39 ppb (.70 ug/m³)			.35 ppb (.62 ug/m³)			.13 ppb (.23 ug/m³)		
Gower Middle School	3.4 ppb (6.12 ug/m³)			.60 ppb (1.1 ug/m³)			.22 ppb (.39 ug/m³)			.18 ppb (.33 ug/m³)		